


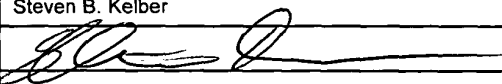
|                                                                                                                                         |                                          |                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small> | Attorney Docket No.                      | 5988-054-27                                                                     |
|                                                                                                                                         | First Inventor or Application Identifier | Hikaru SUGITA                                                                   |
|                                                                                                                                         | Title                                    | ACENAPHTHYLENE DERIVATIVE, POLYMER, AND ANTIREFLECTION FILM-FORMING COMPOSITION |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| <b>APPLICATION ELEMENTS</b><br><small>See MPEP chapter 600 concerning utility patent application contents</small>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>ADDRESS TO:</b><br>Assistant Commissioner for Patents<br>Box Patent Application<br>PO Box 1450<br>Alexandria, VA 22313-1450                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g. PTO/SB/17)<br><small>(Submit an original and a duplicate for fee processing)</small><br><input type="checkbox"/> Applicant claims small entity status.<br>2. <input checked="" type="checkbox"/> Specification Total Pages <b>62</b><br>3. <input type="checkbox"/> Drawing(s) (35 U.S.C. 113) Total Sheets <b>  </b><br>4. <input checked="" type="checkbox"/> Oath or Declaration Total Pages <b>3</b><br>a. <input checked="" type="checkbox"/> Newly executed (original)<br>b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. §1.63(d))<br><small>(for continuation/divisional with box 16 completed)</small><br>5. <input type="checkbox"/> Incorporation By Reference <small>(usable if box 4B is checked)</small><br><small>The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4B, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</small> | <b>ACCOMPANYING DOCUMENTS</b><br>6. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))<br>7. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of Attorney<br><small>(when there is an assignee)</small><br>8. <input type="checkbox"/> English Translation Document <small>(if applicable)</small><br>9. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations<br>10. <input type="checkbox"/> Preliminary Amendment<br>11. <input checked="" type="checkbox"/> White Advance Serial No. Postcard<br>12. <input type="checkbox"/> Certified Copy of Priority Document(s)<br><small>(if foreign priority is claimed)</small><br>13. <input checked="" type="checkbox"/> Request for Priority<br>14. <input type="checkbox"/> List of Inventors' Names and Addresses<br>15. <input type="checkbox"/> Other: |
| 16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:<br><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP)    of prior application no.:<br>Prior application information:    Examiner:    Group Art Unit:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 17. Amend the specification by inserting before the first line the sentence:<br><input type="checkbox"/> This application is a <input type="checkbox"/> Continuation <input type="checkbox"/> Division <input type="checkbox"/> Continuation-in-part (CIP)<br>of application Serial No.    Filed on<br><input type="checkbox"/> This application claims priority of provisional application Serial No.    Filed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>18. CORRESPONDENCE ADDRESS</b><br>Supervisor, Patent Prosecution Services<br>PIPER RUDNICK LLP<br>1200 Nineteenth Street, N.W.<br>Washington, D.C. 20036-2412<br>Telephone No. (202) 861-3900<br>Facsimile No. (202) 223-2085                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

|           |                                                                                     |                  |               |
|-----------|-------------------------------------------------------------------------------------|------------------|---------------|
| Name      | Steven B. Kelber                                                                    | Registration No. | 30,073        |
| Signature |  | Date             | July 23, 2003 |
| Name      |                                                                                     | Registration No. |               |
|           |                                                                                     | Telephone        | 202-861-3900  |

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------|----------|----------------------------------------------------------|-----|------------------------------------|----------|--------------|----------|------------------------------------------------------|
| <b>FEE TRANSMITTAL</b>                                                                                                                                                                                                                                                                                               |          |              |          | Docket No.                                               |     | 5988-054-27                        |          |              |          |                                                      |
|                                                                                                                                                                                                                                                                                                                      |          |              |          | Serial No.                                               |     | NEW US PATENT APPLICATION          |          |              |          |                                                      |
|                                                                                                                                                                                                                                                                                                                      |          |              |          | Filing Date                                              |     | HEREWITH                           |          |              |          |                                                      |
|                                                                                                                                                                                                                                                                                                                      |          |              |          | Inventor(s)                                              |     | Hikaru SUGITA et al.               |          |              |          |                                                      |
|                                                                                                                                                                                                                                                                                                                      |          |              |          | Group Art Unit                                           |     |                                    |          |              |          |                                                      |
| TOTAL AMOUNT OF PAYMENT                                                                                                                                                                                                                                                                                              |          |              |          | \$874.00                                                 |     | Examiner                           |          |              |          |                                                      |
| 1. <input type="checkbox"/> Applicant claims small entity status.<br><input checked="" type="checkbox"/> Charge any <b>UNDERPAYMENT</b> or credit any <b>OVERPAYMENT</b> in the indicated fees to Deposit Account No. 50-1442.<br><input type="checkbox"/> Charge the indicated fees to Deposit Account No. 50-1442. |          |              |          |                                                          |     | <b>FEE CALCULATION (continued)</b> |          |              |          |                                                      |
|                                                                                                                                                                                                                                                                                                                      |          |              |          |                                                          |     | <b>3. ADDITIONAL FEES</b>          |          |              |          |                                                      |
|                                                                                                                                                                                                                                                                                                                      |          |              |          |                                                          |     | Large Entity                       |          | Small Entity |          | Fee Description                                      |
| 2. <input checked="" type="checkbox"/> Check enclosed.                                                                                                                                                                                                                                                               |          |              |          |                                                          |     | Fee Code                           | Fee (\$) | Fee Code     | Fee (\$) | Fee Paid                                             |
|                                                                                                                                                                                                                                                                                                                      |          |              |          |                                                          |     | <b>FEE CALCULATION</b>             |          |              |          |                                                      |
| 1. BASIC FILING FEE                                                                                                                                                                                                                                                                                                  |          |              |          |                                                          |     | 1051                               | 130      | 2051         | 65       | Surcharge-late filing fee or oath                    |
|                                                                                                                                                                                                                                                                                                                      |          |              |          |                                                          |     | 1052                               | 50       | 2052         | 25       | Surcharge-late provisional filing fee or cover sheet |
| Large Entity                                                                                                                                                                                                                                                                                                         |          | Small Entity |          | Fee Description                                          |     | 1053                               | 130      | 1053         | 130      | Non-English specification                            |
| Fee Code                                                                                                                                                                                                                                                                                                             | Fee (\$) | Fee Code     | Fee (\$) | Fee Paid                                                 |     | 1812                               | 2520     | 1812         | 2520     | Ex parte reexam. fee                                 |
| 1001                                                                                                                                                                                                                                                                                                                 | 750      | 2001         | 375      | Utility filing fee                                       |     | 750                                | 1251     | 110          | 2251     | 55                                                   |
| 1002                                                                                                                                                                                                                                                                                                                 | 330      | 2002         | 165      | Design filing fee                                        |     |                                    | 1252     | 410          | 2252     | 205                                                  |
| 1003                                                                                                                                                                                                                                                                                                                 | 520      | 2003         | 260      | Plant filing fee                                         |     |                                    | 1253     | 930          | 2253     | 465                                                  |
| 1004                                                                                                                                                                                                                                                                                                                 | 750      | 2004         | 375      | Reissue filing fee                                       |     |                                    | 1254     | 1450         | 2254     | 725                                                  |
| 1005                                                                                                                                                                                                                                                                                                                 | 160      | 2005         | 80       | Provisional filing fee                                   |     |                                    | 1255     | 1970         | 2255     | 985                                                  |
| <b>SUBTOTAL (1)</b>                                                                                                                                                                                                                                                                                                  |          |              |          |                                                          |     | \$750.00                           | 1401     | 320          | 2401     | 160                                                  |
| 2. EXTRA CLAIM FEES                                                                                                                                                                                                                                                                                                  |          |              |          |                                                          |     | 1402                               | 320      | 2402         | 160      | Appeal Brief                                         |
| tot. claims                                                                                                                                                                                                                                                                                                          |          | 10           | -        | 20*                                                      | = 0 | x \$18                             | = 0      | 1403         | 280      | 2403                                                 |
| ind. claims                                                                                                                                                                                                                                                                                                          |          | 4            | -        | 3*                                                       | = 1 | x \$84                             | = 84     | 1501         | 1300     | 2501                                                 |
| <input type="checkbox"/> Multiple Dependent Claims                                                                                                                                                                                                                                                                   |          |              |          |                                                          |     | \$280                              | =        | 1502         | 470      | 2502                                                 |
| Large Entity                                                                                                                                                                                                                                                                                                         |          | Small Entity |          | Fee Description                                          |     | 1503                               | 630      | 2503         | 315      | Plant Issue Fee                                      |
| Fee Code                                                                                                                                                                                                                                                                                                             | Fee (\$) | Fee Code     | Fee (\$) | Fee Description                                          |     | 1460                               | 130      | 1460         | 130      | Petitions to the Commissioner                        |
| 1202                                                                                                                                                                                                                                                                                                                 | 18       | 2202         | 9        | Claims in excess of 20                                   |     | 1806                               | 180      | 1806         | 180      | IDS Submission                                       |
| 1201                                                                                                                                                                                                                                                                                                                 | 84       | 2201         | 42       | Independent claims in excess of 3                        |     | 8021                               | 40       | 8021         | 40       | Assignment                                           |
| 1203                                                                                                                                                                                                                                                                                                                 | 280      | 2203         | 140      | Multiple dependent claim, if not paid                    |     | 1801                               | 750      | 2801         | 375      | For Filing RCE                                       |
| 1204                                                                                                                                                                                                                                                                                                                 | 84       | 2204         | 42       | *Reissue independent claims over original patent         |     | 1802                               | 900      | 1802         | 900      | Expedited Design                                     |
| 1205                                                                                                                                                                                                                                                                                                                 | 18       | 2205         | 9        | *Reissue claims in excess of 20 and over original patent |     | OTHER (indicate below):            |          |              |          |                                                      |
| <b>SUBTOTAL (2)</b>                                                                                                                                                                                                                                                                                                  |          |              |          |                                                          |     | \$84.00                            |          |              |          |                                                      |
| * or number previously paid, if greater; For Reissues, see above                                                                                                                                                                                                                                                     |          |              |          |                                                          |     | <b>SUBTOTAL (3)</b>                |          |              |          | \$40.00                                              |

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| Name      | Steven B. Kelber                                                                    | Registration No. | 30,073        |           |
| Signature |  | Date             | July 23, 2003 | Telephone |
| Name      |                                                                                     | Registration No. |               |           |